

MICROFILMED
SEP 18 1986

FED. RD. DIVISION	STATE	PROJECT	384 394
2	OHIO		

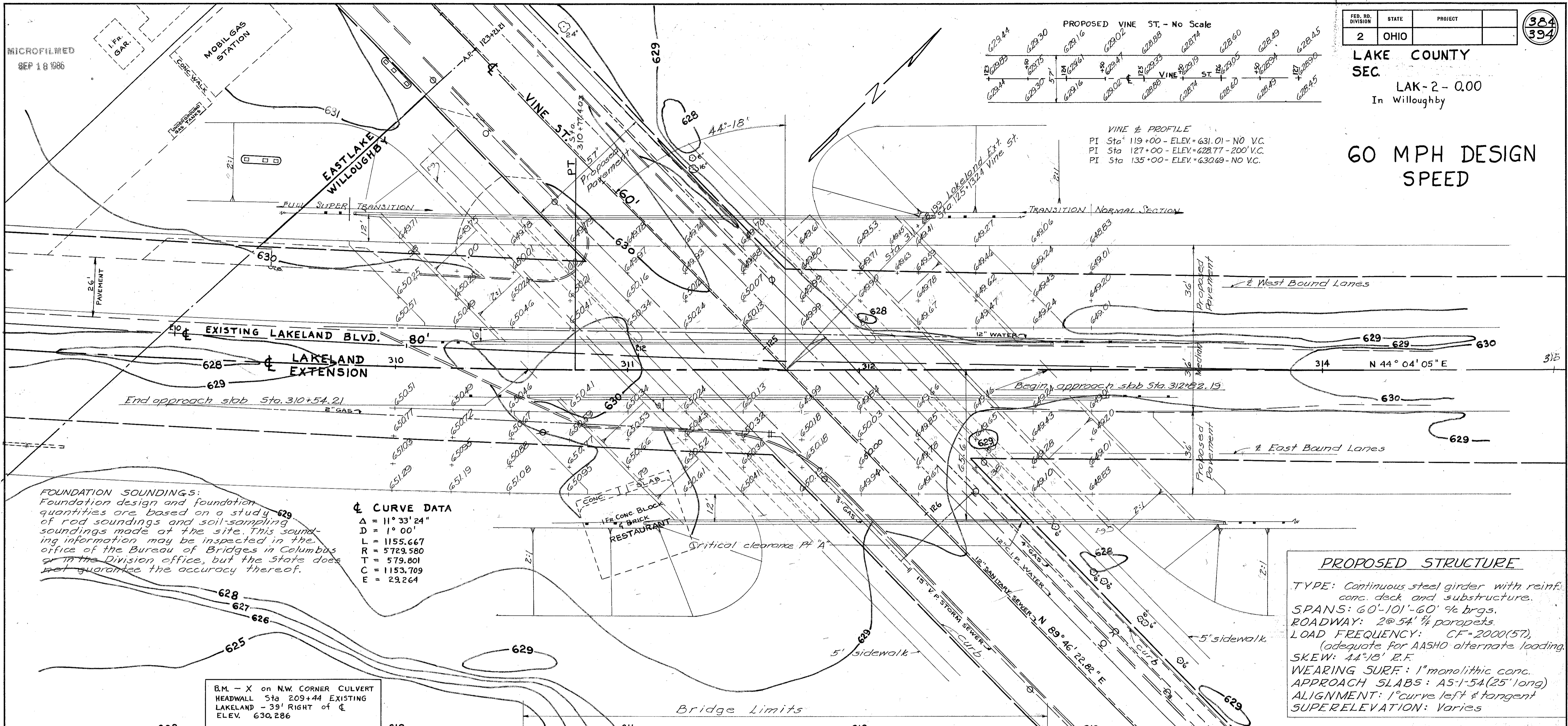
LAKE COUNTY
SEC. LAK-2-0.00
In Willoughby

60 MPH DESIGN SPEED

PROPOSED VINE ST. - No Scale

629.44	629.30	629.16	629.02	628.88	628.74	628.60	628.49	628.45
628.33	628.15	628.01	627.87	627.73	627.59	627.45	627.34	627.30
628.44	628.20	628.06	627.92	627.78	627.64	627.50	627.39	627.35

VINE & PROFILE
PI Sta 119+00 - ELEV. = 631.01 - NO V.C.
PI Sta 127+00 - ELEV. = 628.77 - 200' V.C.
PI Sta 135+00 - ELEV. = 630.69 - NO V.C.



FOUNDATION SOUNDINGS:
Foundation design and foundation quantities are based on a study of rod soundings and soil-sampling soundings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus or in the Division office, but the State does not guarantee the accuracy thereof.

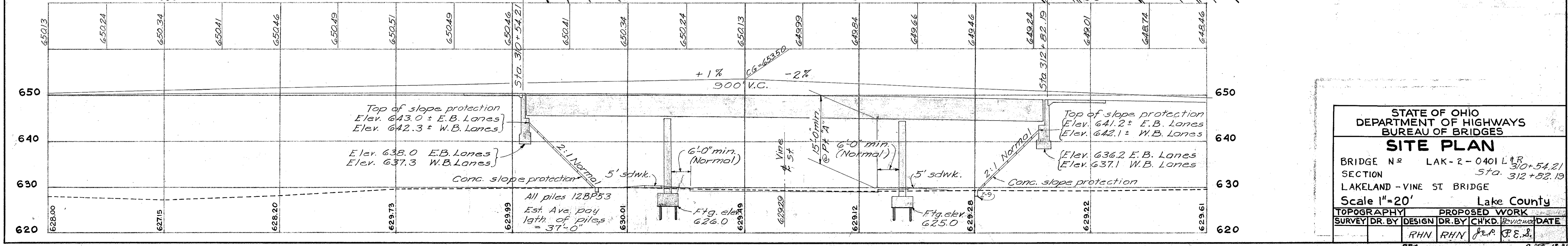
☉ CURVE DATA

Δ	= 11° 33' 24"
D	= 1° 00'
L	= 1155.667
R	= 5729.580
T	= 579.801
C	= 1153.709
E	= 29.264

B.M. - X on N.W. CORNER CULVERT HEADWALL Sta 209+44 EXISTING LAKELAND - 39' RIGHT of ☉ ELEV. 630.286

PROPOSED STRUCTURE

TYPE: Continuous steel girder with reinf. conc. deck and substructure.
SPANS: 60'-101'-60' g/brgs.
ROADWAY: 2@54' 1/4 parapets.
LOAD FREQUENCY: CF-2000(57), (adequate for AASHTO alternate loading).
SKEW: 44°18' B.F.
WEARING SURF: 1" monolithic conc.
APPROACH SLABS: 45'-1-54(25') long
ALIGNMENT: 1° curve left & tangent
SUPERELEVATION: Varies



STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES

SITE PLAN

BRIDGE No LAK-2-040 L & R
SECTION Sta. 310+54.21
LAKELAND - VINE ST. BRIDGE

Scale 1"=20'

TOPOGRAPHY PROPOSED WORK
SURVEY DR. BY DESIGN DR. BY CH'KD. DATE

RHN RHN J.P. P.E. & S.